

TABLE 39. Postgraduation commitment of doctorate recipients, by sex, citizenship, and race/ethnicity: Selected years, 1989–2009

| Commitment status | Citizenship ^a | | | | | | | | | | |
|--|--------------------------|--------|--------|---|-----------------------|---|--------------------|-------|-----------------------|--------|-------------------|
| | Sex | | | U.S. citizen or permanent resident ^c | | Race/ethnicity (U.S. citizens and permanent residents) ^b | | | | | |
| | Total | Male | Female | | Temporary visa holder | American Indian ^d | Asian ^e | Black | Hispanic ^f | White | Two or more races |
| | Number | | | | | | | | | | |
| All doctorate recipients | | | | | | | | | | | |
| 1989 | 34,325 | 21,812 | 12,513 | 25,062 | 6,688 | 94 | 1,262 | 964 | 695 | 21,578 | na |
| 1994 ^g | 41,033 | 25,061 | 15,824 | 30,904 | 9,422 | 143 | 3,533 | 1,277 | 1,029 | 24,578 | na |
| 1999 ^h | 41,098 | 23,438 | 17,488 | 30,317 | 9,063 | 213 | 2,498 | 1,766 | 1,327 | 23,901 | na |
| 2004 ⁱ | 42,118 | 22,964 | 19,152 | 28,038 | 11,633 | 131 | 2,061 | 1,989 | 1,302 | 21,451 | 389 |
| 2009 ^j | 49,562 | 26,338 | 23,190 | 32,231 | 14,724 | 146 | 2,687 | 2,221 | 1,866 | 24,053 | 651 |
| All responses to postgraduation commitment | | | | | | | | | | | |
| 1989 | 30,766 | 19,383 | 11,383 | 24,474 | 6,267 | 91 | 1,184 | 924 | 669 | 21,205 | na |
| 1994 | 37,640 | 23,067 | 14,566 | 29,052 | 8,582 | 134 | 3,211 | 1,169 | 962 | 23,358 | na |
| 1999 | 37,198 | 21,372 | 15,823 | 28,712 | 8,423 | 196 | 2,367 | 1,614 | 1,168 | 22,871 | na |
| 2004 | 37,929 | 20,717 | 17,212 | 26,875 | 10,977 | 122 | 1,993 | 1,859 | 1,263 | 20,752 | 384 |
| 2009 | 44,407 | 23,635 | 20,768 | 30,745 | 13,565 | 128 | 2,559 | 2,031 | 1,735 | 23,224 | 636 |
| | Percent ^k | | | | | | | | | | |
| Definite commitment for employment or postdoctoral study | | | | | | | | | | | |
| 1989 | 74.2 | 74.7 | 73.2 | 75.8 | 67.6 | 73.6 | 67.7 | 70.3 | 73.7 | 76.7 | na |
| 1994 | 66.3 | 65.0 | 68.3 | 68.7 | 58.1 | 70.9 | 55.6 | 68.3 | 69.5 | 70.5 | na |
| 1999 | 69.9 | 71.0 | 68.5 | 70.9 | 66.8 | 64.3 | 66.5 | 66.5 | 68.5 | 72.0 | na |
| 2004 | 70.0 | 70.7 | 69.2 | 71.6 | 66.1 | 71.3 | 65.3 | 67.1 | 69.9 | 72.9 | 66.9 |
| 2009 | 69.2 | 70.2 | 68.0 | 70.1 | 67.2 | 59.4 | 61.2 | 63.6 | 68.1 | 71.9 | 68.2 |
| No definite commitment for employment or postdoctoral study ^l | | | | | | | | | | | |
| 1989 | 25.8 | 25.3 | 26.8 | 24.2 | 32.4 | 26.4 | 32.3 | 29.7 | 26.3 | 23.3 | na |
| 1994 | 33.7 | 35.0 | 31.7 | 31.3 | 41.9 | 29.1 | 44.4 | 31.7 | 30.5 | 29.5 | na |
| 1999 | 30.1 | 29.0 | 31.5 | 29.1 | 33.2 | 35.7 | 33.5 | 33.5 | 31.5 | 28.0 | na |
| 2004 | 30.0 | 29.3 | 30.8 | 28.4 | 33.9 | 28.7 | 34.7 | 32.9 | 30.1 | 27.1 | 33.1 |
| 2009 | 30.8 | 29.8 | 32.0 | 29.9 | 32.8 | 40.6 | 38.8 | 36.4 | 31.9 | 28.1 | 31.8 |

na = not applicable; respondents were instructed to indicate only one race.

^a Does not include doctorate recipients for whom citizenship was not reported.^b Does not include non-Hispanic doctorate recipients who did not indicate their race or doctorate recipients for whom race/ethnicity was not reported; in years since 2001 does not include Native Hawaiians or Other Pacific Islanders.^c Includes those of other/unknown race/ethnicity and, for 2004 and 2009, Native Hawaiians or Other Pacific Islanders, not shown separately.^d Includes Alaska Natives.^e Includes non-Hispanic Native Hawaiians or Other Pacific Islanders through 2000, but excludes them for 2004 and 2009.^f Persons reporting Hispanic ethnicity, whether singly or in combination with one or more races, are included in the respondent-selected Hispanic ethnicity category.^g Group total for 1994 includes 148 doctorate recipients for whom sex was not reported.^h Group total for 1999 includes 172 doctorate recipients for whom sex was not reported.ⁱ Group total for 2004 includes 2 doctorate recipients for whom sex was not reported.^j Group total for 2009 includes 34 doctorate recipients for whom sex was not reported.^k Percentages are based on number responding to the item on postgraduation commitment.^l Includes respondents who indicated 'other' in all years and respondents who indicated "do not plan to work or study" in 2009.

SOURCE: NSF/NIH/USED/USDA/NEH/NASA, 2009 Survey of Earned Doctorates.